

Fig. 1a

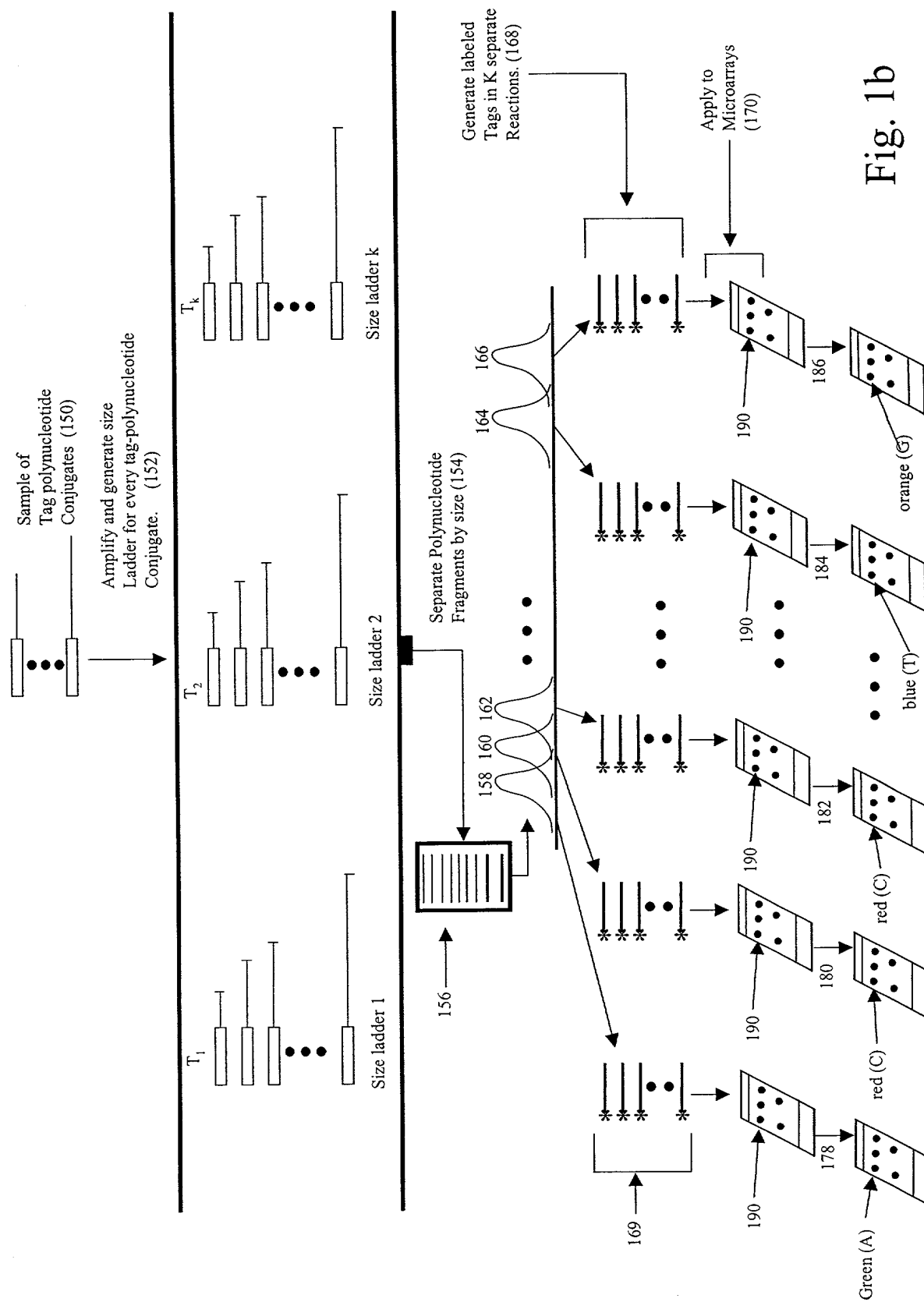
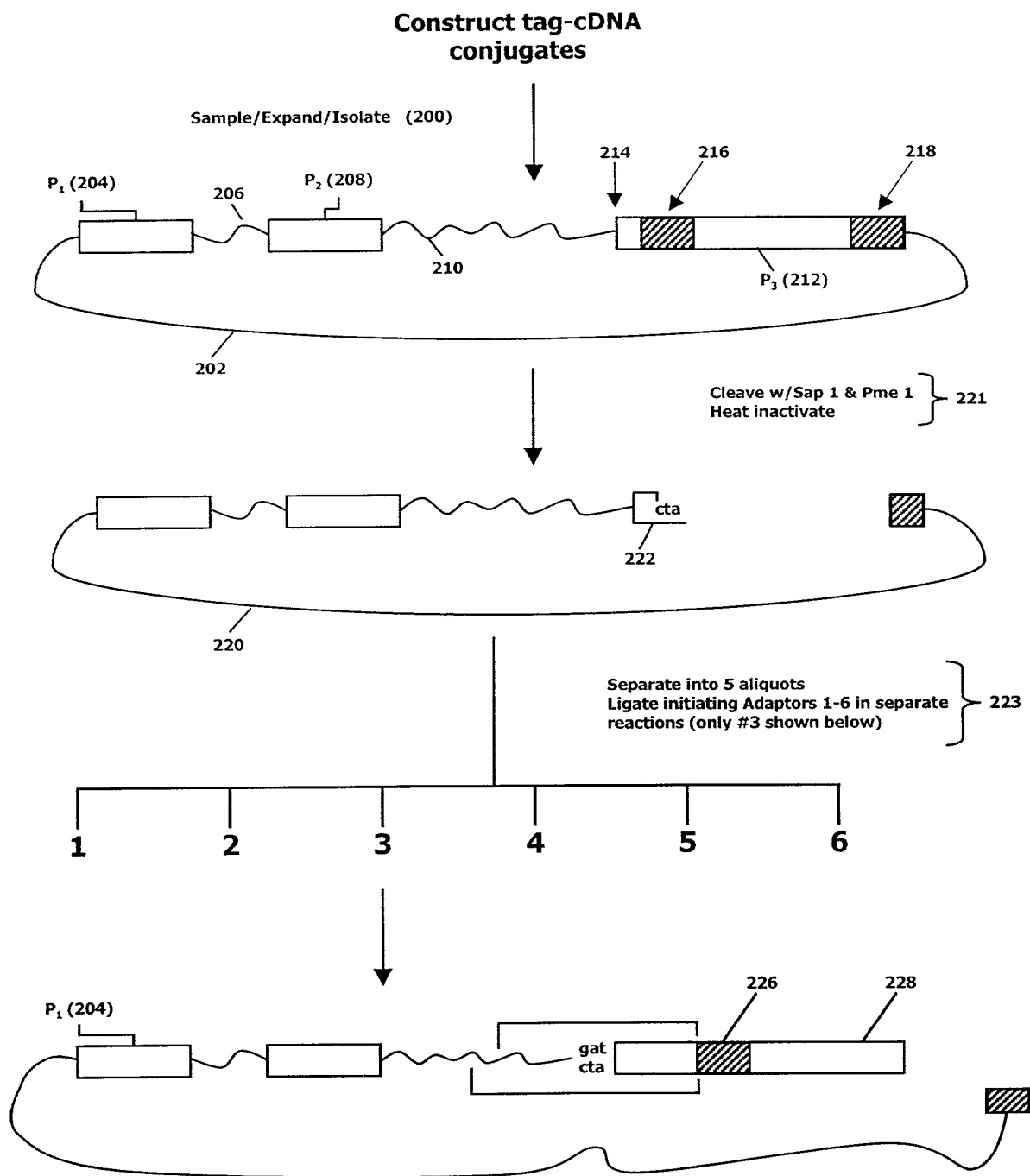


Fig. 1b



**Fig. 2a**

### Initiating Adaptors 1-6

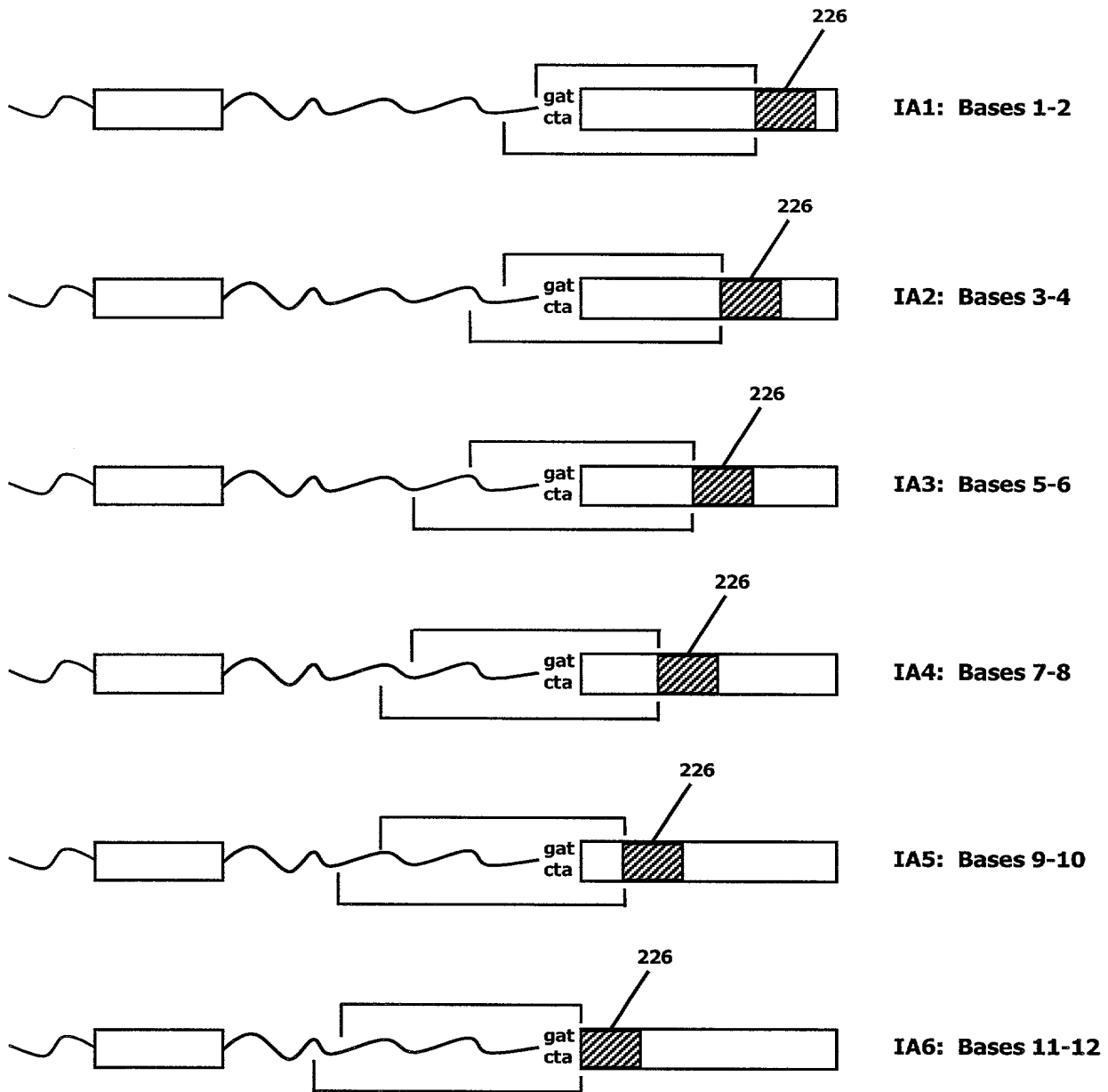
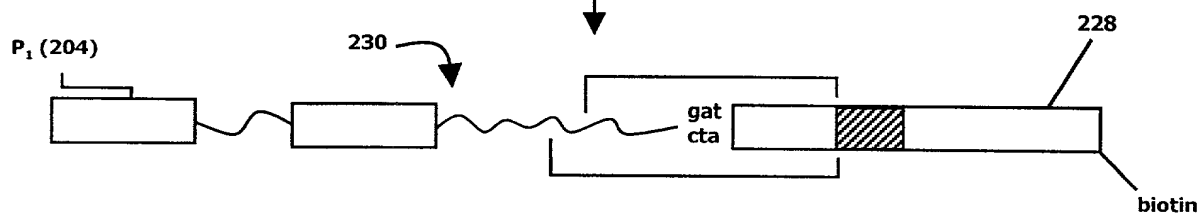


Fig. 2b

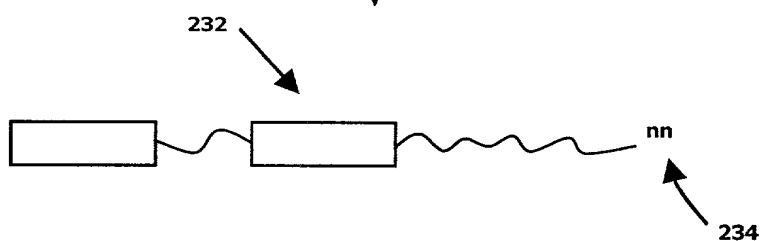
From Aliquot 3

PCR via primer binding sites P1 and IA3



Take a portion of aliquot 6 and process as shown in Fig. 2f.

Separate into 8 aliquots/Purify w/streptavidin beads. Cleave w/Bsg I to produce 2-base overhangs.



Ligate Sequencing Adaptors 1-8 (See Fig. 2f)

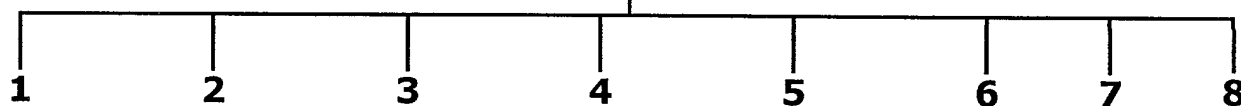
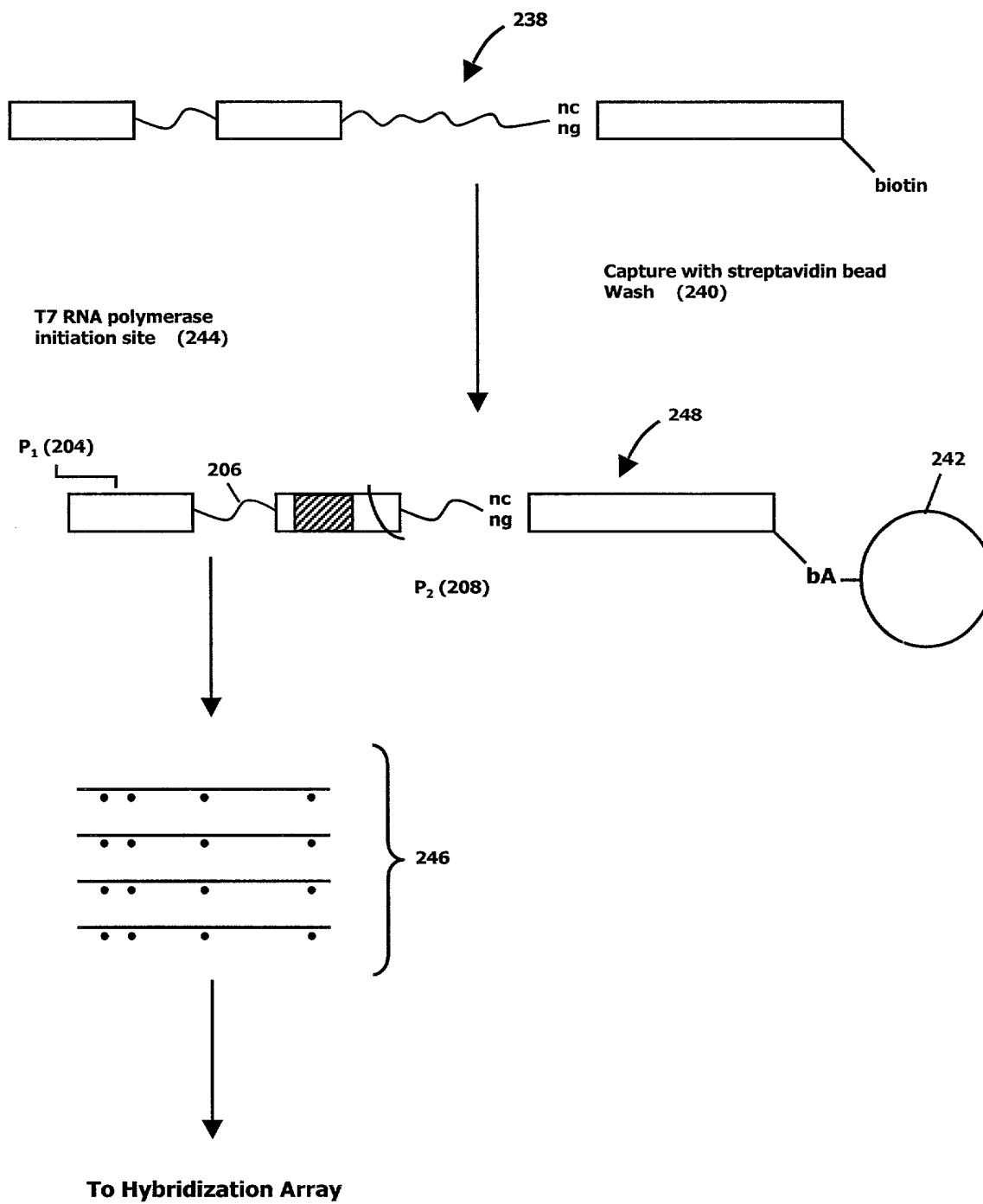


Fig. 2c



**Fig. 2d**

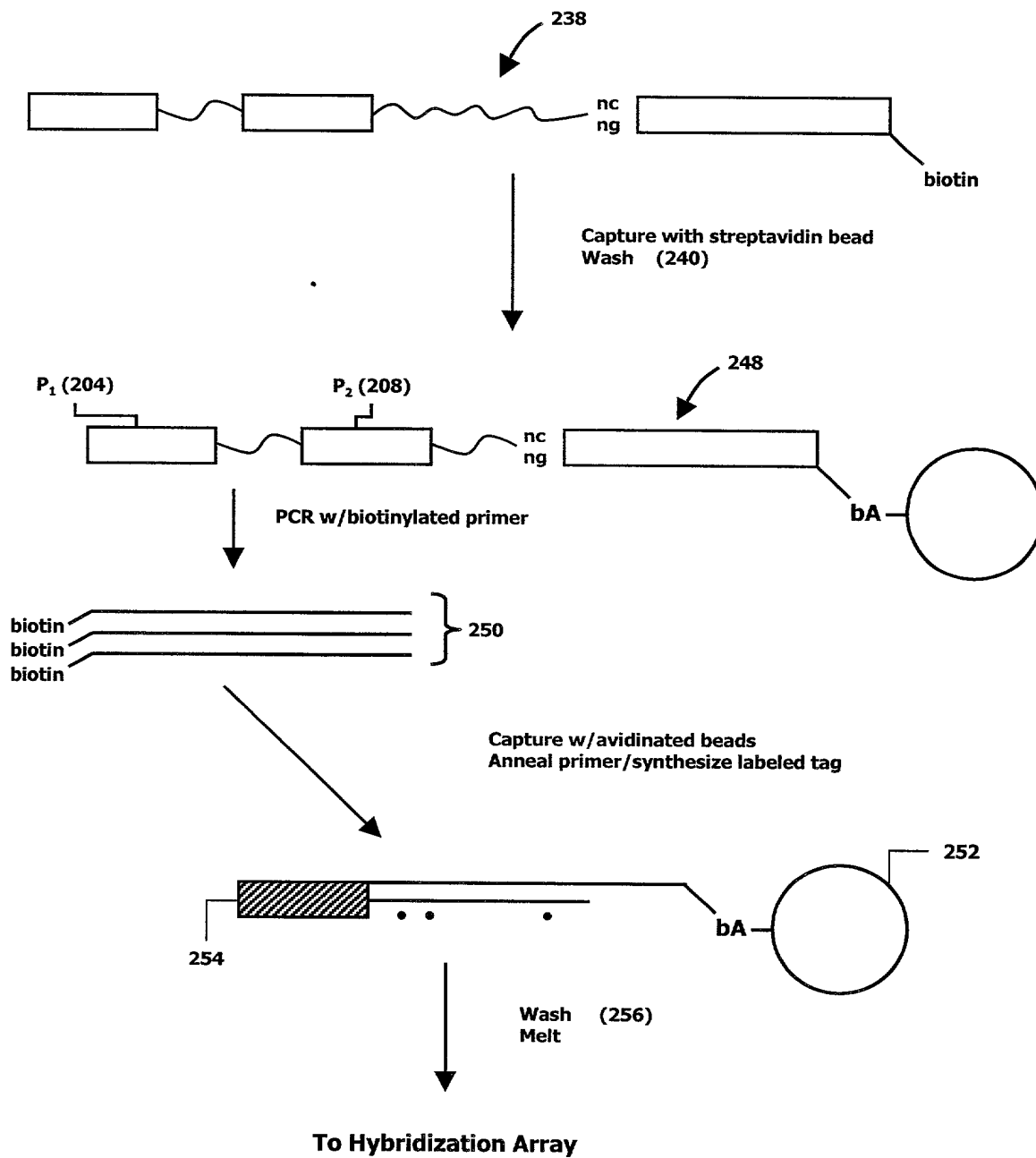
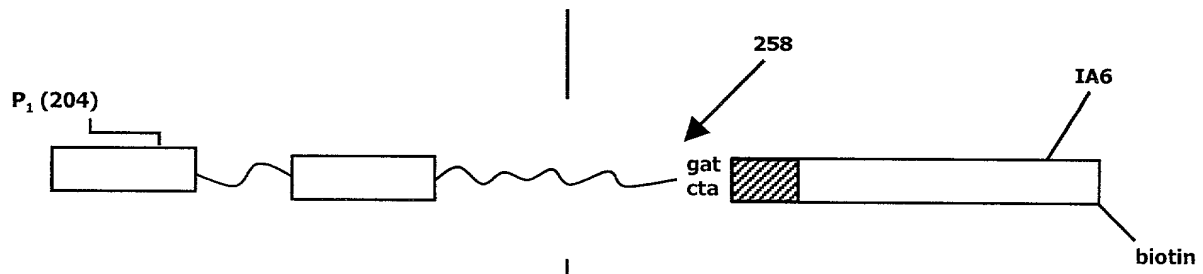
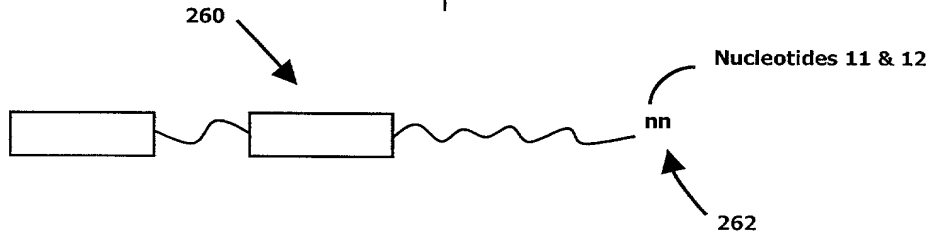


Fig. 2e

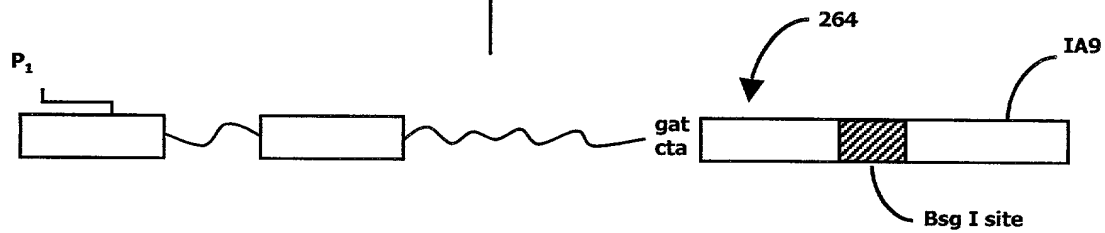
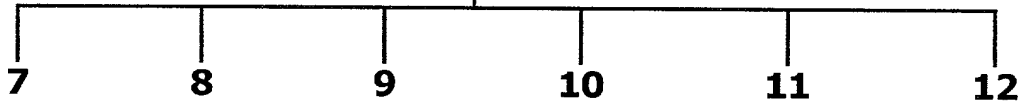
From Fig. 2c



Capture w/streptavidin beads  
Cleave w/Bsg I



Separate into 6 aliquots  
Ligate to initiating Adaptors 7-12

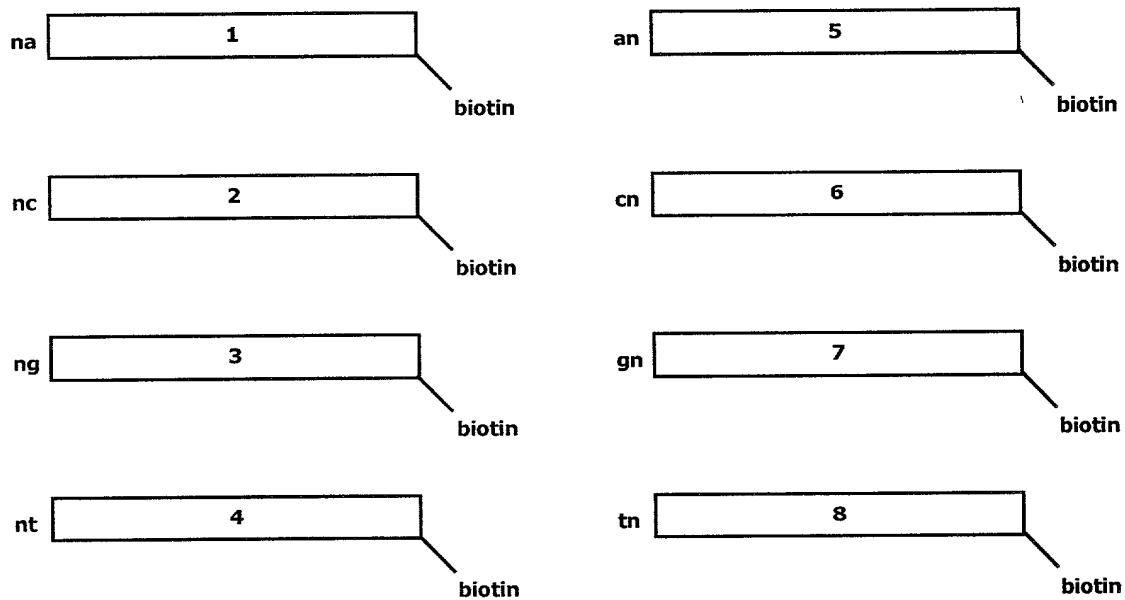


PCR via P<sub>1</sub> and IA9

Continue

Fig. 2f





**Sequencing Adaptors 1-8**

**Fig. 2g**



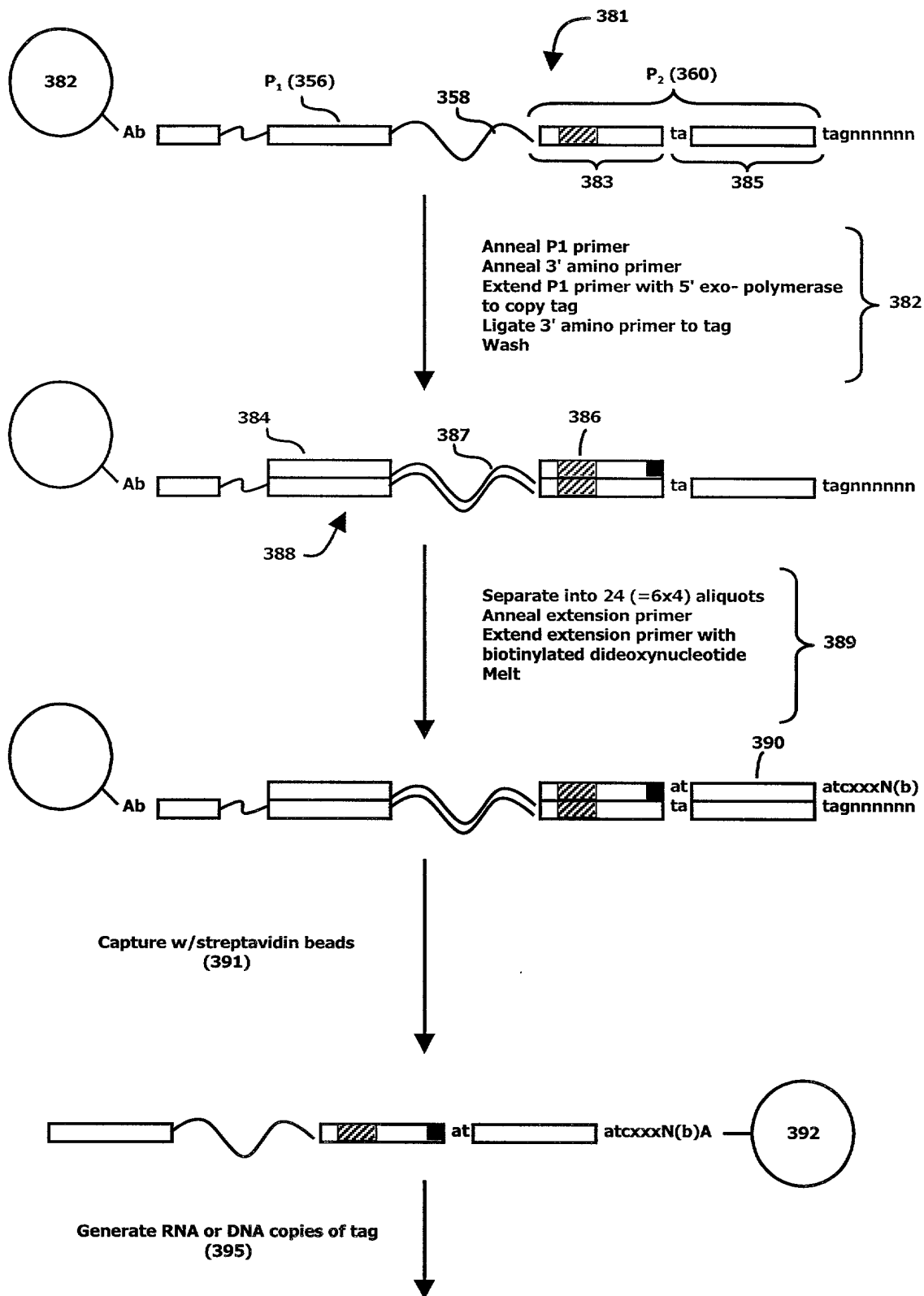


Fig. 3b

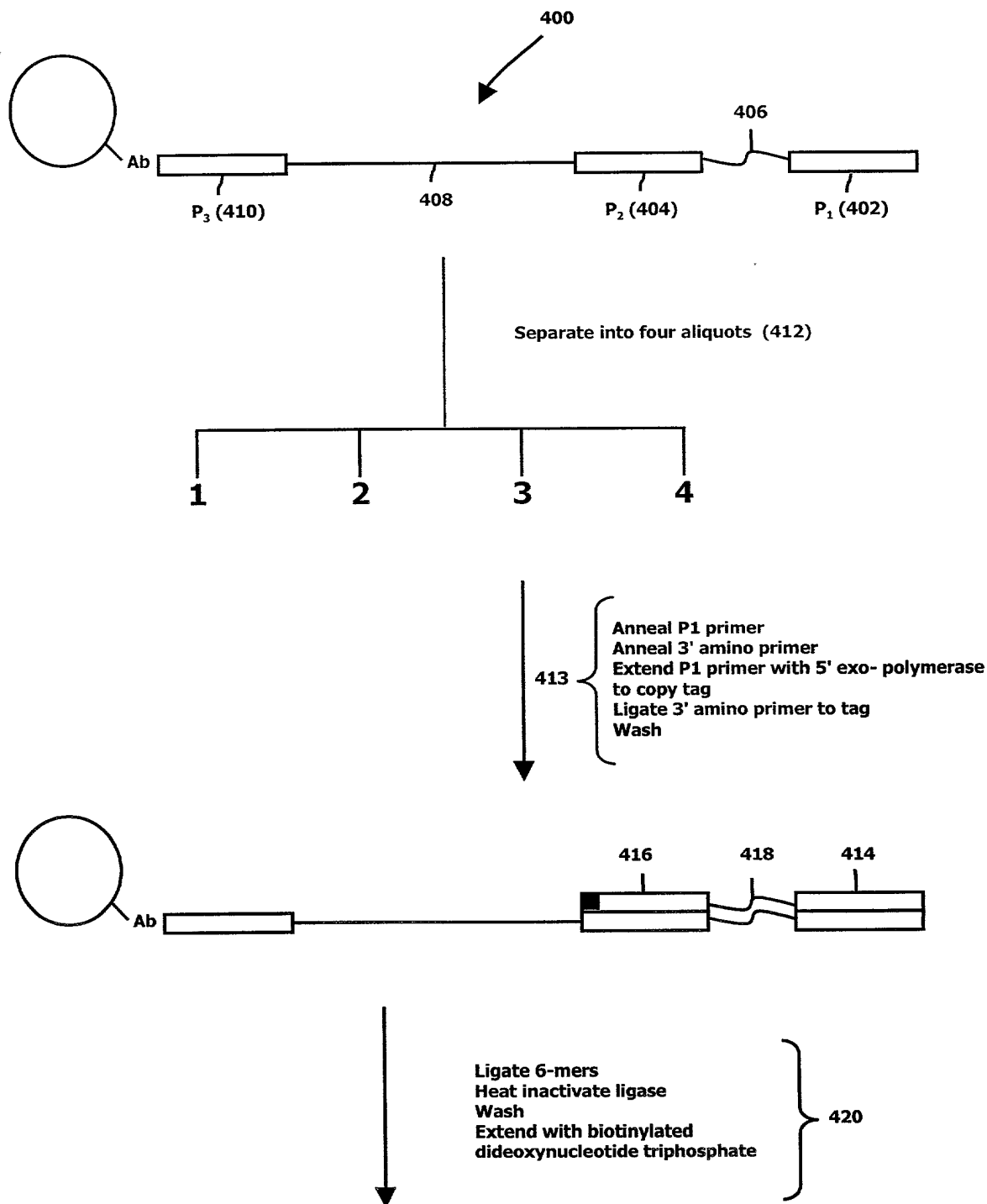
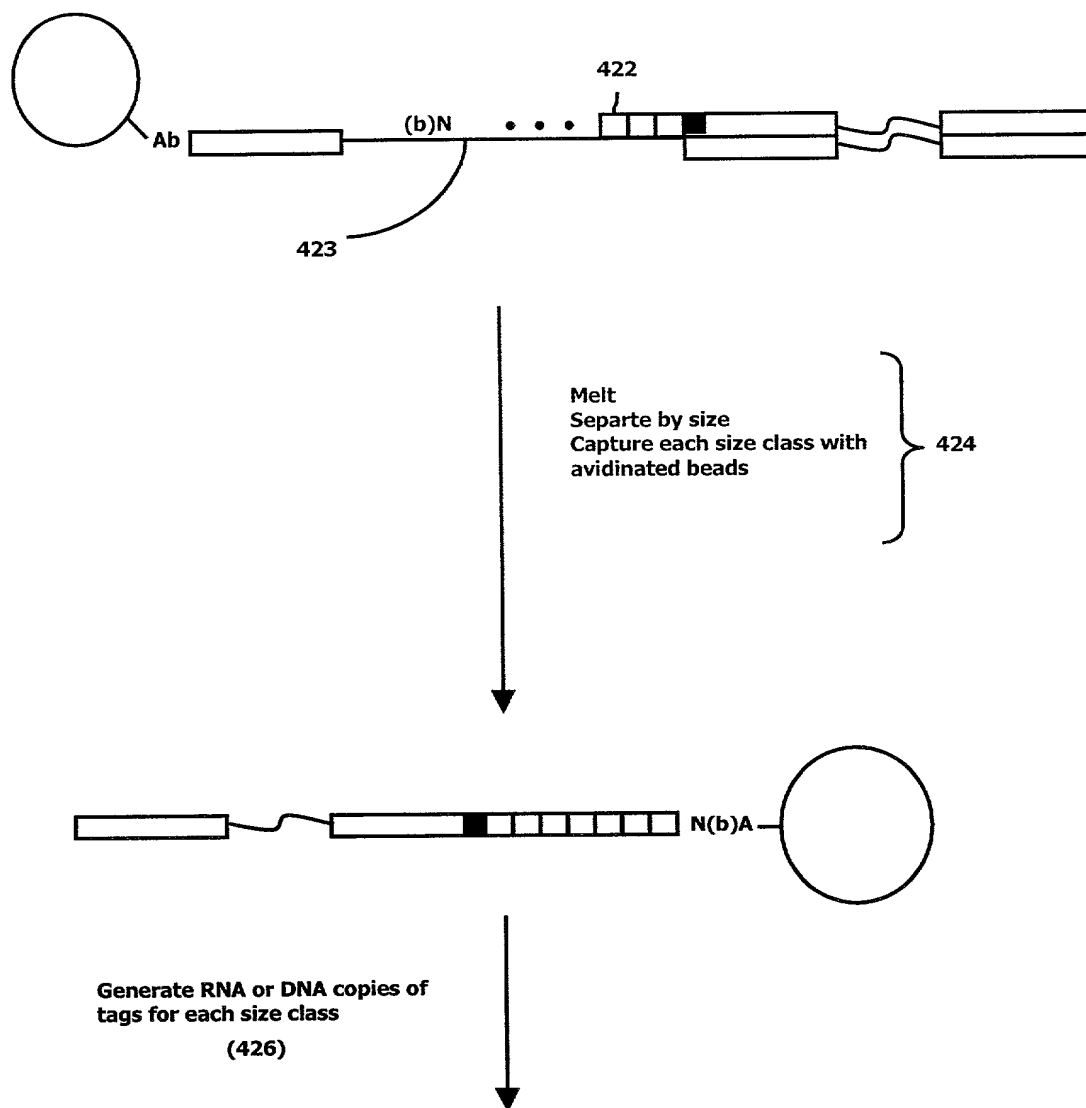


Fig. 4a



**Fig. 4b**

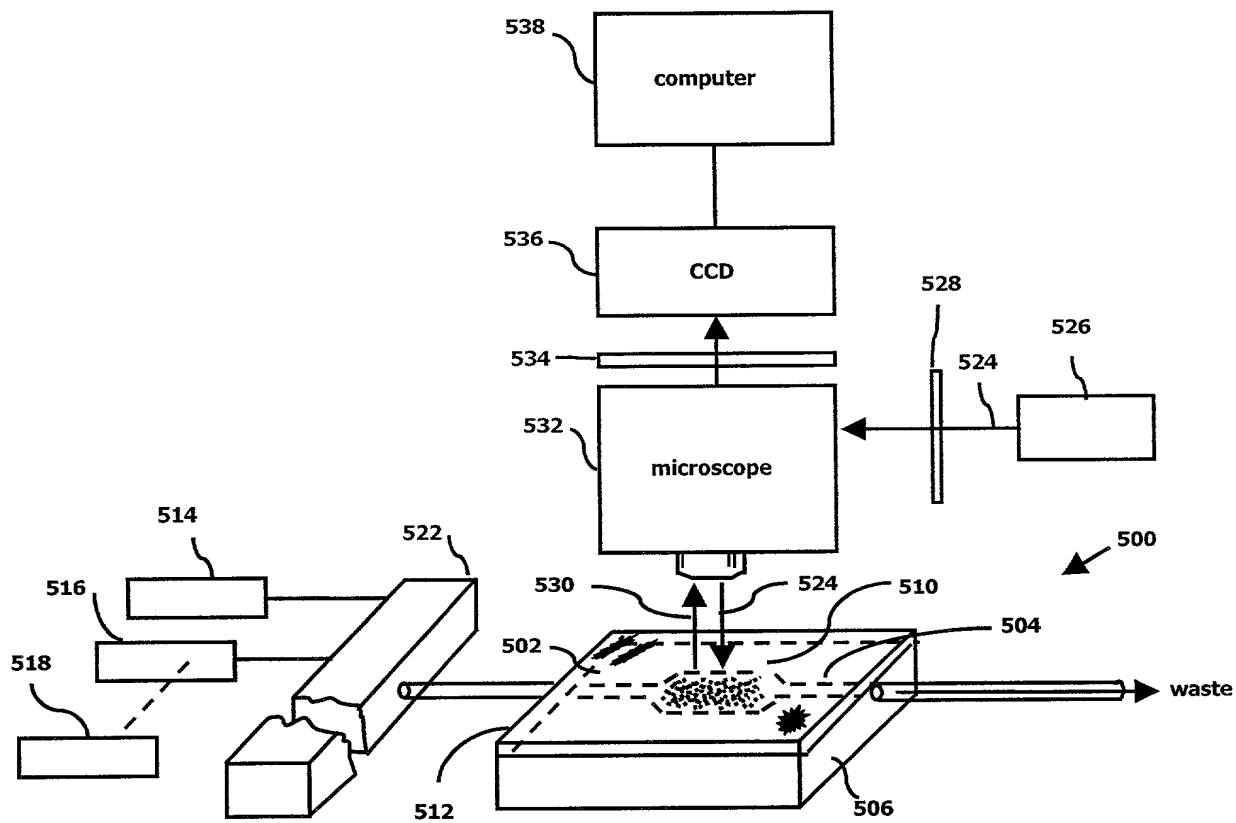


Fig. 5

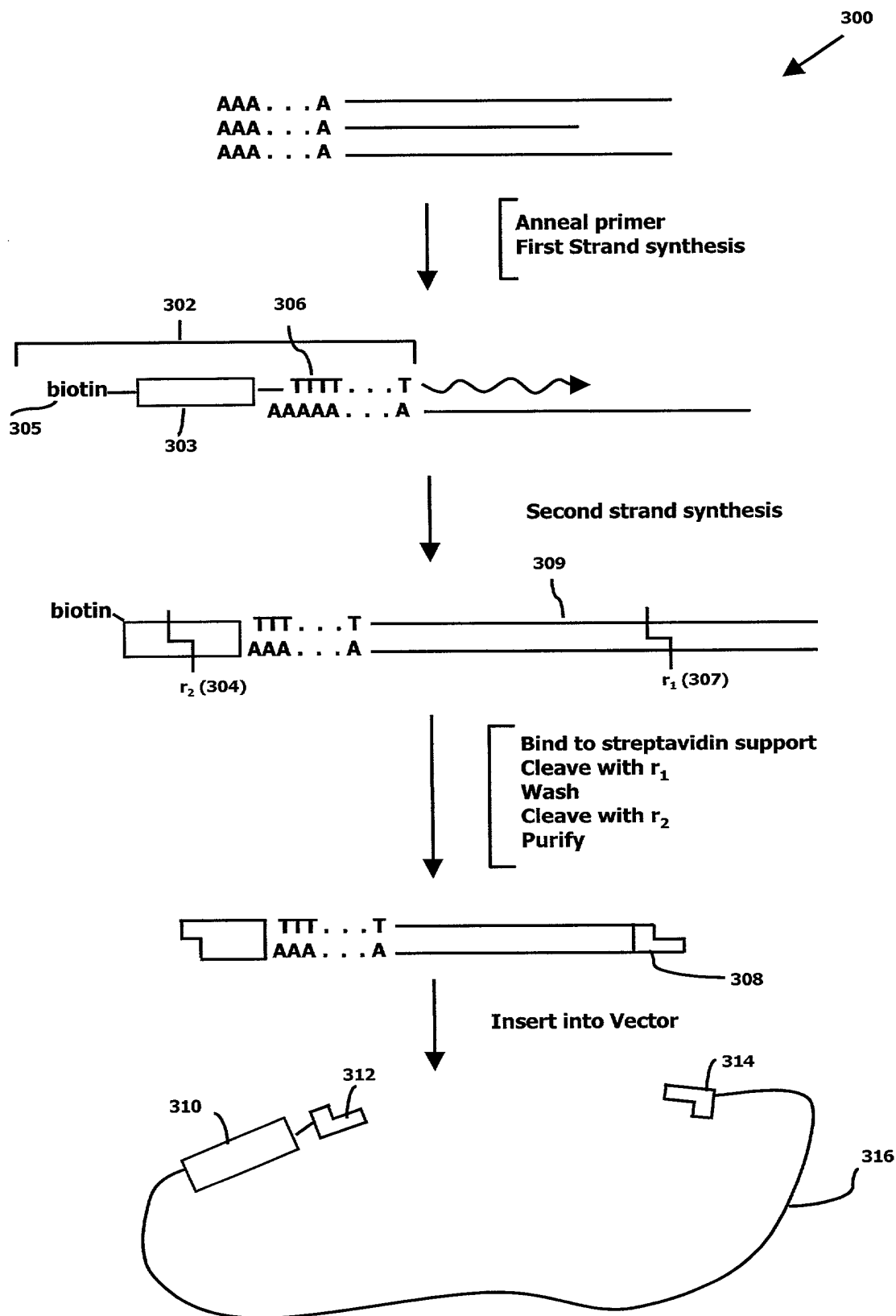


Fig. 6a

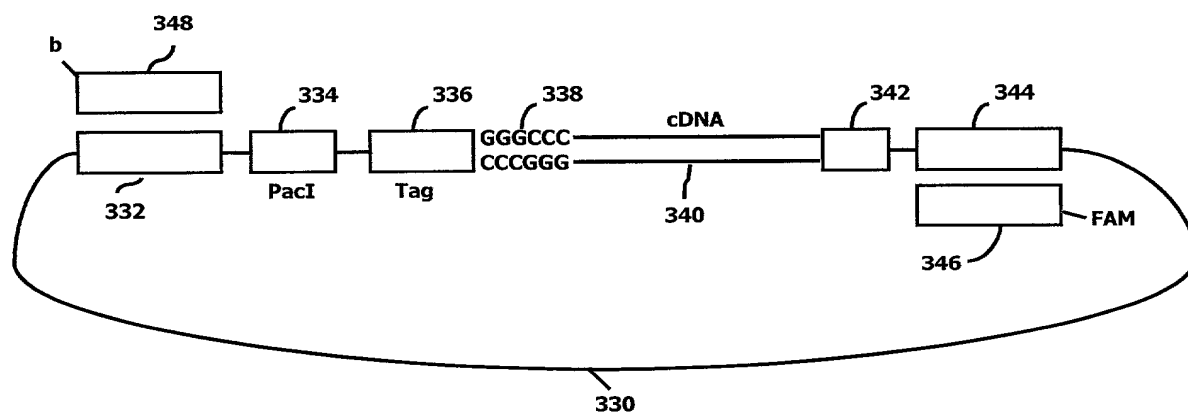


Fig. 6b